

May 15-19, 2006 is Air Quality Awareness Week



<http://www.state.nj.us/dep/aqaweek>

Today: Wednesday, May 17

Theme: Ozone (O₃)

- Fact: Research suggests that children playing outdoor team sports in areas of high ozone concentration are three times more likely to develop asthma than children who do not take part in sporting activities.
(<http://news.bbc.co.uk/1/hi/health/1792039.stm>)
- Suggested Action: Check the Air Quality Index (AQI).
Green or **yellow** = Go outside. **Orange** = If playing outdoors, take it easy. **Red** = Only go outside in the morning. **Purple** or **maroon** = Stay inside.
- How?
http://airnow.gov/index.cfm?action=aqikids_new.main



Springtime at last!

Warmer Weather

Brighter Skies

and...

Clean air?

http://www.rwjuh.edu/health_information/adult_allergy_pollen.html

To help make sure the air
you breathe is clean this
spring, we offer

three simple tips

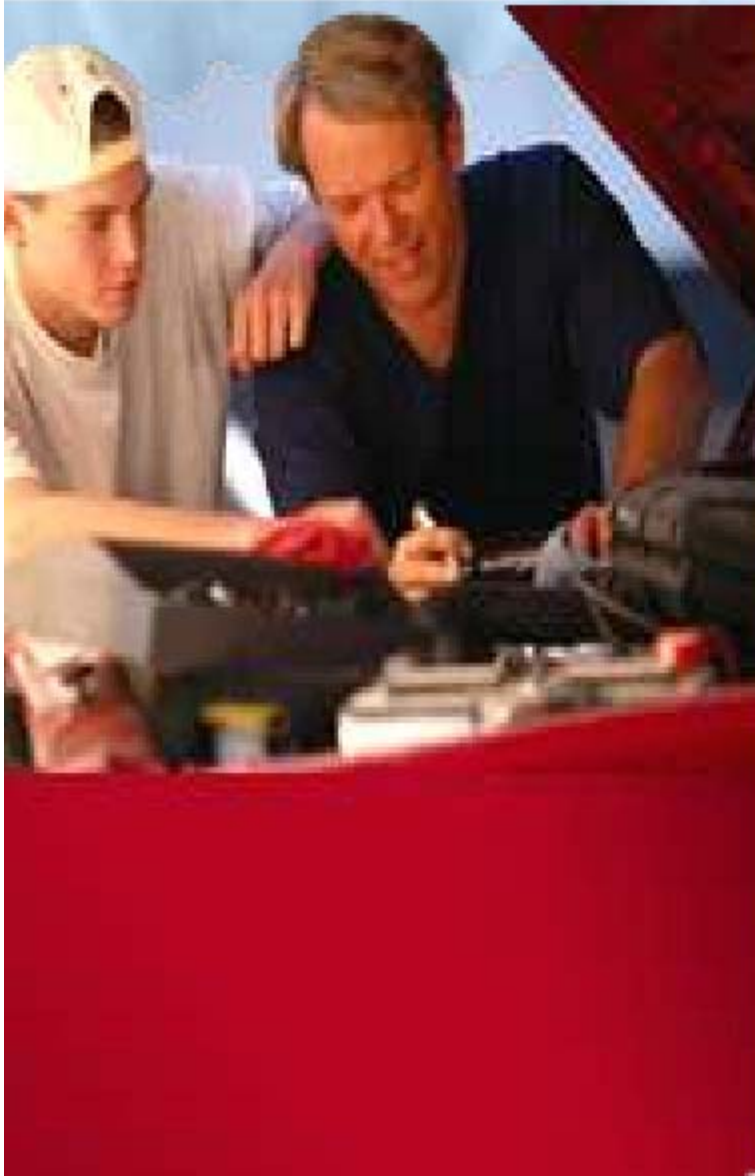
to help reduce air pollution
and traffic congestion in
your community.



Tip #1

Care for your car

Regular tune-ups and oil changes combined with proper tire inflation can improve your car's gas mileage AND reduce its emissions by more than half!



Tip #2

Care for yourself

Walking and bicycling are healthier for you and the air. They're easy ways to get exercise, save money and help reduce traffic congestion and pollution.



Tip #3

Spread the word

So, keep it up, and spread the word about car maintenance, walking and bicycling, **because...**



visit www.italladdsup.gov to learn more

It all adds up to cleaner air



U.S. Department of Transportation

Federal Highway Administration

Air Trivia



1. Over 40% of the U.S. population lives in areas with unhealthy air.

True

False

Air Trivia



True!

According to the U.S. Environmental Protection Agency (U.S. EPA), 126 million Americans live in 124 counties that are designated as not meeting national ambient air quality standards.

<http://www.epa.gov/airtrends/non.html>

Air Trivia



2. Emissions from passenger cars and trucks account for 15% of all air pollution nationwide.

True

False

Air Trivia



False!

In many U.S. cities, the personal automobile is the single greatest polluter, and emissions from millions of vehicles on the road can really add up. According to the U.S. EPA, in 2002, on-road vehicles produced 27% of all VOC emissions and 35% of all NOx emissions (<http://www.epa.gov/airtrends/>).

Air Trivia



3. Replacing a clogged air filter can improve your car's gas mileage by as much as 10%.

True

False

Air Trivia



True!

According to a U. S. Department of Energy and U.S. EPA Website, www.fueleconomy.gov, changing a clogged air filter can save you as much as 55 gallons of fuel, or at least three trips to the gas station over the course of a year-it also helps protect your engine.

Air Trivia



4. Properly maintaining your vehicle, especially when the "check engine" light comes on, is one of the most important ways you can help improve air quality.

True

False

Air Trivia



True!

Vehicle inspection and maintenance (I&M) programs have been able to reduce air pollution by up to 30% in some states. Without I&M programs, the smoggiest cities would not be able to achieve and maintain clean air (<http://www.epa.gov/otaq/cfa-air.htm>).

Air Trivia



5. Public transportation is the second most preferred form of transportation after the automobile, ahead of bicycling.

True

False

Air Trivia



False!

According to the U.S. Department of Transportation Bureau of Transportation Statistics' October 2000 Omnibus Household Survey, 41.3 million Americans (20%) used a bicycle for transportation in the 30 days measured in the survey. Over 9.2 million (22%) of the 41.3 million people who bicycled did so more than ten of the 30 days

(http://www.bts.gov/programs/omnibus_surveys/household_survey/2000/october/summary_report.html).

New York/New Jersey/Connecticut Wednesday, August 14, 2002: Peak Ozone



To Submit Comments on the Workshop and/or White Papers by June 16, 2006:

- **Complete the online survey:**
<http://www.nj.gov/dep/airworkgroups/index.html>
- **Email: airworkshop@dep.state.nj.us**
- **Contact:**
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